



ENGINE LOG

1. Make CONTINENTAL
2. Model T510-360-EB3B
3. Specification _____
4. Manufacturer's Serial Number 901272-H
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____

LEAVENS

'IN AVIATION SINCE 1927'

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- | | |
|---------------|--------------------|
| ◆ Engines | ◆ Hose assemblies |
| ◆ Propellers | ◆ Cable assemblies |
| ◆ Accessories | ◆ Parts supplies |

Leavens Aviation Inc.
Toronto: (905) 678-1234
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24-hour AOG: (416) 563-5221

¹ For complete aircraft, list applicable specification or Type Certificate Data Sheet numbers for the aircraft, engine, and propeller. Applicable specifications or Type Certificate Data Sheet, if not attached to this export certificate, will have been forwarded to the FAA Form 8130-4 (7-68) Formerly Form FAA 26

1. Country CANADA	2. Transport Canada AUTHORIZED RELEASE CERTIFICATE	Form 24-0078	3. Certificate Ref. No. 33302
4. Organization LEAVENS	LEAVENS AVIATION INC. 2555 DERRY RD. E. MISSISSAUGA, ONTARIO, CANADA L4T 1A1 Tel: (905) 678-1234 Fax: (905) 678-7028		
5. Item 1	6. Part No. TS10-560-EB38	9. Eligibility To be verified by installer.	10. Qty 1
7. Description CONTINENTAL AERO ENGINE	11. Serial/Batch No. 901272-H	12. Status/Work OVERHAUL TSO: 98'04 TSN: U.N.L.	5. Work Order/Contract/Invoice 33-0302

**ENGINE COMPLETELY DISMANTLED
CLEANED, INSPECTED, OVERHAULED,
AS PER REPORT. IAW X30596A**

☐ AWD & SIB listing attached.

14. New Parts: Certified that the parts identified above, except as otherwise specified in Block 13, has (have) been manufactured, inspected in accordance with the applicable design data and with the airworthiness regulations of the stated country.	19. Used parts: <input type="checkbox"/> CAR 571.1 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 13.
15. Signature	20. Signature AMO 2-72
16. Approval Ref.	21. Authorization Ref.
17. Name (printed or typed)	22. Name (printed or typed) Feb 5/04

- This document does not constitute authority to install the part.
- Where the installer works in accordance with the national regulations of an Airworthiness Authority other than the Authority specified in Block 1, the installer must ensure that his/her Airworthiness Authority accepts products or maintenance from the Airworthiness Authority specified in Block 1.
- Statements 14 and 19 do not constitute installation certification. In all cases the aircraft technical maintenance record must contain a maintenance installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

0-EB38 ENGINE

AMO. 2-72

Continental
Directives and
have been inspected
part of the type
list for accessory
enclosed sheet.
Inspector



**AL OIL TO BE
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SE WARRANTY**

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MAINTENANCE RECORD

1

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

S/N 901272-H RECEIVED FOR OVERHAUL

LEAVENS

COMPONENT LIST
W/O 33-0302

Turbocharger	646396	VL-L0202	0.0 HRS T.S.O
Wastegate	470818-9003	XEO35941	0.0 HRS T.S.O
Relief Valve	481028-9001	VC-L0112	0.0 HRS T.S.O
Manifold Valve	641032-11A8	CO3KA005R	0.0 HRS T.S.O
Fuel Pump	649368-26A1	B03FA350R	0.0 HRS T.S.O
Fuel Servo	640563-15A4	A03KA002R	0.0 HRS T.S.O
Alternator	ALX9525	DI21096	0.0 HRS T.S.O
Magneto	10-72020-118	E299211DR	0.0 HRS T.S.O
Starter	646238-2	2051272	0.0 HRS T.S.O
Magneto R	10-72020-118	C249201DR	0.0 HRS T.S.O

IMPORTANT

Before installing this new replacement engine, all aircraft oil system components, oil coolers, lines and supply tanks, where used, must be thoroughly cleaned for contamination. Leavens Aviation Inc. will not be held responsible for contamination to this newly installed engine.

ELIGIBILITY FOR TOPCARETM
WARRANTY PROGRAM.
CUSTOMER MUST COMPLY
WITH T.C.M. S.I.D. 97-2

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD ➔					
KLARENBACH AVIATION LTD. AMO 286-91					5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800
Klarenbach Work Order No. : 3023					Date: June 21, 2004
Aircraft: C-GTOG		Piper PA34-200T		S/N: 34-8070121	TTSN: 3398.3
Right Engine:		Model LTSIO-360-EB3		S/N: 306813-H	TSOH: 28.1
Left Engine:		Model TSIO-360-EB3B		S/N: 901272-H	TSOH: 28.1
Right Prop:		Model 3AF34C503		S/N: 7910069	TSOH: 525.3
Left Prop:		Model 3AF34C502		S/N: 799532	TSOH: 1471.8
1. Drained left and right engine oil, refilled with 7 litres of 15W50 Aero-Shell per engine. 2. Removed oil filters, inspected for contaminants, none found, installed (2) new oil filters P/N CH48108. 3. Checked all tires for correct pressure. 4. Adjusted elevator trim cable tension and safetied. Independent inspection carried out on elevator trim turn buckle.					
<div style="display: flex; justify-content: space-between;"> 1. <i>[Signature]</i> M340597 2. <i>[Signature]</i> 089587 </div>					
5. Aircraft ground run no leaks found.					
END					
Maintenance Release The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No.					
Signature of AME: <i>[Signature]</i>				AME License No. 089587	
KLARENBACH AVIATION LTD. AMO 286-91					5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800
Klarenbach Work Order No. : 3057					Date: Aug 20, 2004
Aircraft: C-GTQG		Piper PA34-200T		S/N: 34-8070121	TTSN: 3419.6
Right Engine:		Model LTSIO-360-E3B		S/N: 306813-H	TSOH: 49.4
Left Engine:		Model TSIO-360-EB3B		S/N: 901272-H	TSOH: 49.4
Right Prop:		Model 3AF34C503		S/N: 7910069	TSOH: 527.8
Left Prop:		Model 3AF34C502		S/N: 799532	TSOH: 1474.3
1. 100 hr/Annual Inspection carried out I.A.W. Piper PA34-200T Service Manual and CAR's Chapter 625 Appendix B and C. 2. Removed ELT new battery installed and re-certification carried out by Canadian Avionics WO# A13392. 3. Fire extinguisher inspected and found OK. 4. Swung compass and installed new deviation card. 5. First Aid kit inspected and found contents complete. 6. Tachometer accuracy checked and found serviceable. 7. R/H idle speed turned up 1/2 turn. 8. Replaced heater combustion pressure switch with serviceable unit S/N 1C1-10A. 8. Ground run carried out, no leaks found, operation checked normal.					
END					
Maintenance Release The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.					
Signature of AME: <i>[Signature]</i>				AME License No. M340597	
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DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Date: OCT 7, 2004

Klarenbach Work Order No. : 3086

Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3434.3
Right Engine:	Model LTSIO-360-EB3	S/N: 306813-H	TSOH: 64.1
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 64.1
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 561.3
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1507.8

1. Oil changed on L/H and R/H engines, engines serviced with 7 litres of Aeroshell 15W50 per engine
2. Oil filters removed, cut open and inspected for metal, no metal found, installed new filters P/N CH48108-1
3. R/H and L/H engine fuel pressures and idle mixtures adjusted IAW M.M.
4. L/H engine wastegate actuator heat shield removed attach bracket repaired and shield and actuator reinstalled.
5. Oil leak found on L/H engine turbo oil pressure line at turbo fitting. fitting removed from turbo, cleaned new sealant installed and fitting reinstalled.
6. Engines ground run and no leaks found.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME:

AME License No. M340597

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Date: June 16, 2005

Klarenbach Work Order No. : 3220

Aircraft: G-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3469.9
Right Engine:	Model LTSIO-360-E3B	S/N: 306813-H	TSOH: 101.8
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 101.8
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 599.0
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1545.5

1. Drained oil on L/H and R/H engines, removed oil filters and installed new CH48108-1 filters, engines each serviced with 7L 15W50 Aeroshell oil.
2. L/H alternator voltage regulator adjusted
3. Engines ground run and no leaks found, L/H alternator voltage checked o.k.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME:

AME License No. M340597

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ENGINE SERVICE AND

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	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800
Date: Sept. 23, 2005

Klarenbach Work Order No.: 3269

Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3517.0
Right Engine:	Model LTSIO-360-E3B	S/N: 306813-H	TSOH: 146.8
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 146.8
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 625.2
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1571.7

1. 100 hr/Annual Inspection carried out LA.W. Piper PA34-200T Service Manual and CAR's Chapter 625 Appendix B and C.
2. Changed left and right engine oil, refilled with 7liters of 15W50 per side.
3. Installed new oil filters P/N CH48108-1.
4. Replaced engine spark plugs with serviceable fine wire plugs (24) P/N RHM38S with new gaskets P/N 6800084.
5. Small cracks repaired in L/H engine baffles.
6. Replaced (3)broken baffle hook and springs on R/H engine.
7. Installed new engine air filters (2) P/N BA8.
8. Installed new Janitrol heater spark plug P/N 39D18, ground tested heater, checked OK.
9. Cleaned left and right fuel screens and re-installed with new seals P/N 751-898.
10. Repaired left and right landing gear actuators, installed new orings P/N MS28775-113, backup rings P/N MS28782-8 and retainers P/N 755-997, re-installed actuators, bleed air from system, swung gear 5 times fault fee.
11. Replaced worn R/H landing gear rod end P/N CA452-334A.
12. Replaced loose L/H engine exhaust path rivets with new Cherry Max rivets.
13. Adjusted rudder cables tension to 40 lbs and safety.

Independent inspection carried out on rudder cable turnbuckles.
1. *[Signature]* 064587
2. *[Signature]* M340597

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Date: Oct 25, 2005

Klarenbach Aviation Ltd. Work Order No.: 3294

Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3520.8
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 150.6
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 150.6
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 629.0
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 1632.0

1. Removed R/H dry air pump and installed O/H unit P/N 442CW S/N 40246, all lines to inline filter blown out with air.
2. Replaced nose gear torque link bushings P/N 453-721 with new bushings.
3. R/h engine ground run air pump found serviceable and no leaks found.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *[Signature]*

AME License No. *M340597*

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MAINTENANCE RECORD

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REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

14. Installed (2) new pneumatic filters P/N 2J34-6.
15. Replaced nose gear scissor bolts P/N AN175-32.
16. Right gear door dis-bonding, removed and repaired I.A.W. MM 4-64 and re-installed.
17. Removed ELT re-certification carried out by Canadian Avionics WO# A14342.
18. Fire extinguisher inspected and found OK.
19. Swung compass and installed new deviation card.
20. First Aid kit inspected and found contents complete.
21. Tachometer accuracy checked and found serviceable.
22. Dynamically balanced left and right propeller/engines.
23. Piper SB 1146 Vertical Fin Aft Spar reinforcing angle low fastener E/D inspection, found E/D to meet minimum requirement.
24. AD2005-15-10 Heater Fuel Pump, found previously complied with by AD 2003-11-14.
25. AD2004-25-16R1 Heater fuel regulator inspected and no leaks found. Due Again in 1 yr. or 100 hrs.
26. AD2005-13-16 Nose landing gear inspection, all inspected and found OK, Due Again in 50 hrs.
27. Ground run carried out, no leaks found, operation checked normal.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME:

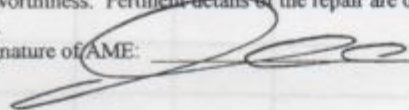

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AME License No.

089587

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE																				
	HRS.	MIN.	HRS.	MIN.																					
BROUGHT FORWARD																									
<div style="display: flex; justify-content: space-between;"> <div> <p>KLARENBACH AVIATION LTD. AMO 286-91</p> <p>Klarenbach Aviation Ltd. Work Order No.: 3421</p> <table border="0"> <tr> <td>Aircraft: C-GTQG</td> <td>Piper PA34-200T</td> <td>S/N: 34-8070121</td> <td>TTSN: 3568.0</td> </tr> <tr> <td>Right Engine: TCM</td> <td>Model: LTSIO-360-E3B</td> <td>S/N: 306813-H</td> <td>TSOH: 197.8</td> </tr> <tr> <td>Left Engine: TCM</td> <td>Model: TSIO-360-EB3B</td> <td>S/N: 901272-H</td> <td>TSOH: 197.8</td> </tr> <tr> <td>Right Prop: McCauley</td> <td>Model: 3AF34C503</td> <td>S/N: 7910069</td> <td>TSOH: 676.2</td> </tr> <tr> <td>Left Prop: McCauley</td> <td>Model: 3AF34C502</td> <td>S/N: 799532</td> <td>TSOH: 42.8</td> </tr> </table> <p style="text-align: center;">END</p> <ol style="list-style-type: none"> Oil drained on engines and engines serviced with 7L each Aeroshell 15W50 oil. Oil filters removed and new CH48108-1 filters installed. Installed chaffe tape on engine side cowls as necessary. Lockwired hydraulic powerpack filler plug. Engines ground run and filters checked for leaks; no leaks found. <p><u>Maintenance Release</u> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.</p> <p>Signature of AME:  AME License No. <u>M340597</u></p> </div> <div> <p>5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800 Date: June 21, 2006</p> </div> </div>						Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3568.0	Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 197.8	Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 197.8	Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 676.2	Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 42.8
Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3568.0																						
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 197.8																						
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 197.8																						
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 676.2																						
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<div style="display: flex; justify-content: space-between;"> <div> <p>KLARENBACH AVIATION LTD. AMO 286-91</p> <p>Klarenbach Aviation Ltd. Work Order No.: 3455</p> <table border="0"> <tr> <td>Aircraft: C-GTQG</td> <td>Piper PA34-200T</td> <td>S/N: 34-8070121</td> <td>TTSN: 3608.4</td> </tr> <tr> <td>Right Engine: TCM</td> <td>Model: LTSIO-360-E3B</td> <td>S/N: 306813-H</td> <td>TSOH: 238.2</td> </tr> <tr> <td>Left Engine: TCM</td> <td>Model: TSIO-360-EB3B</td> <td>S/N: 901272-H</td> <td>TSOH: 238.2</td> </tr> <tr> <td>Right Prop: McCauley</td> <td>Model: 3AF34C503</td> <td>S/N: 7910069</td> <td>TSOH: 716.6</td> </tr> <tr> <td>Left Prop: McCauley</td> <td>Model: 3AF34C502</td> <td>S/N: 799532</td> <td>TSOH: 83.2</td> </tr> </table> <p style="text-align: center;">END</p> <ol style="list-style-type: none"> Drained oil on engines, re-serviced each engine with 7 liters of 15W50 Aeroshell oil. Removed oil filters from engines and installed new filters P/N CH48108-1. Engines ground run and oil filters checked for leaks, no leaks found. <p><u>Maintenance Release</u> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.</p> <p>Signature of AME:  AME License No. <u>M340597</u></p> </div> <div> <p>5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800 Date: Aug 8, 2006</p> </div> </div>						Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3608.4	Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 238.2	Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 238.2	Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 716.6	Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 83.2
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	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800
Date: Aug.23/06

Klarenbach Work Order No. : 3455

Aircraft: C-GTQG	Piper: PA34-200T	S/N: 34-8070121	TTSN: 3618.8
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 248.6
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 248.6
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 727.0
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 93.6

1. 100 hr/Annual Inspection carried out I.A.W. CAR's Chapter 625 Appendix B and C and Piper PA34-200T Service Manual using Piper Inspection Report P/N 230-856 as a guide.
2. Installed new engine air filters (2) P/N BA8.
3. Removed left engine exhaust, elbow P/N 643861-108 repaired by Acorn Welding WO# 19136, elbow assy. P/N 673861-117 repaired by Acorn Welding WO# 19134, and re-installed exhaust with (12) new gaskets P/N 630365.
4. Replaced left engine pneumatic pump P/N 441CC-7, S/N SLT230 OFF, S/N 45600 ON.
5. Cleaned left and right fuel screens and re-installed with new seal P/N 751-898.
6. Repaired nose landing gear actuator, installed new o rings (2) P/N MS28775-113, (1) P/N MS28775-110 and retainers P/N 755-997, re-installed actuator, bleed air from system, swung gear 5 times fault free.
7. Removed left engine propeller governor, repaired by Leavens WO#61-0224 and re-installed with new gasket supplied by Leavens.

Independent inspection carried out on left governor control.

[Signature] 089587
M340597

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800
Date: Oct 10, 2006

Klarenbach Aviation Ltd. Work Order No.: 3480

Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3626.7
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 256.5
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 256.5
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 734.9
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 78.1

1. Removed L/H starter drive adapter, inspected and no faults found. Reinstalled drive with new gaskets. L/H and R/H starters swapped for troubleshooting. Starter S/N 2051272 found faulty. Installed starter S/N G084854 on R/H engine.
2. Replaced L/H prop de-ice brushes with new P/N RA1543-7 brushes.
3. Found windshield hot plate plug terminals corroded, installed new terminals and hot plate checked serviceable.
4. Repaired pilot side window with acrylic plastic patches IAW AC 43.13-1B Chapt. 3-24.
5. Installed new landing gear downlock springs P/N's 587-261 and 487-495. Gear swing and free fall checks completed, no faults found.
6. Engines ground run leak checked and prop de-ice checked serviceable.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *[Signature]*

AME License No. *M340597*

TOTAL THIS PAGE

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SINCE MFG.

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

8. Repaired left propeller de-ice leads.
9. Repaired aft cargo door inflatable seal line.
10. Replaced left voltage regulator P/N B-00288-1, S/N C6549 OFF, S/N C6550 ON, ground run and parallel system I.A.W. PA34-200T Maintenance Manual
11. Replaced nose gear scissor bushings (2) P/N 67026-007.
12. Installed new brake linings (8) P/N 066-06200.
13. Replaced left fuel tank lid gasket.
14. Removed auto-pilot control P/N 10937-2030314C91A, S/N 1772G, repaired by Century Flight Systems WO# 67295, reinstalled and ground checked by Canadian Avionics WO# A15201. Bose headset installed by Canadian Avionics under WO# A15501.
15. Removed ELT re-certification carried out by Canadian Avionics WO# A15196.
16. Fire extinguisher inspected and found OK.
17. Swung compass and installed new deviation card.
18. First Aid kit inspected and found contents complete.
19. Tachometer accuracy checked and found serviceable.
20. Dynamically balanced left propeller/engine.
21. Kelley Aerospace Service Information Letter A-110B, Inspected, not applicable to model installed.
22. AD 2004-21-05 Kelly Heater Inspection, completed and found serviceable.
23. AD2004-25-16R1 Heater fuel regulator inspected and no leaks found. Due Again in 1 yr. or 100 hrs.
24. AD2005-13-16, Piper SB 1123B, Nose landing gear inspection, all inspected and found OK, Due Again in 50 hrs.
25. Ground run carried out, no leaks found, operation checked normal.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME:

[Signature]

AME License No.

089587

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					



5424 - 11 Street N.E.
Calgary, Alberta
T2E 7E9
Tel: (403) 274-5800

Date: July 10, 2007

Klarenbach Work Order No.: 3610

Aircraft: C-GTQG	Piper PA34-200T	S/N: 36-8070121	TTSN: 3657.9
Right Engine: TCM	Model: TSIO-360-E3B	S/N: 306813-H	TSOH: 287.7
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 287.7
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 766.1
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 109.3

1. Drained oil refilled with 7 liters of 15W50 Aero Shell per engine and installed new oil filters P/N CH48108-1 on each engine.
2. Installed new pilots side window P/N 952 SG and sealed with PR1425B1/2 I.A.W. Piper PA34 Maintenance Manual.
3. Aircraft ground run and no leaks found.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *[Signature]*

AME License No. 089587



5424 - 11 Street N.E.
Calgary, Alberta
T2E 7E9
Tel: (403) 274-5800

Date: Aug. 24, 07

Klarenbach Work Order No.: 3679

Aircraft: C-GTQG	Piper: PA34-200T	S/N: 34-8070121	TTSN: 3673.9
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 264.6
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 264.6
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 743.0
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 109.6

1. 100 hr/Annual Inspection carried out I.A.W. CAR's Chapter 625 Appendix B and C and Piper PA34-200T Service Manual using Piper Inspection Report P/N 230-856 as a guide.
2. Cleaned gapped, tested and re-installed spark plugs with new gaskets P/N M674.
3. Installed new engine air filters (2) P/N BA8.
4. Installed new elevator trim tab link P/N 96003-000, washers P/N 494-022 and bushings P/N 452-413.
5. Independent inspection completed on elevator trim control.
6. Removed ELI re-certification carried out by Canadian Avionics WO# A16022 and re-installed.
7. Removed #1 transponder S/N 2639, #2 transponder S/N 32804, pilots encoding altimeter S/N 2608 and co-pilots encoding altimeter S/N 11857 for 2yr re-cert completed by Canadian Avionics WO# A16022. Components reinstalled after re-cert and Pitot/Static system leak check completed by Canadian Avionics WO# A16022.
8. Fire extinguisher inspected and found OK.
9. Swung compass and installed new deviation card.
10. First Aid kit inspected and found contents complete.
11. Tachometer accuracy checked and found serviceable.
12. AD2004-25-16R1 Heater fuel regulator inspected and no leaks found. Due Again in 1 yr. or 100 hrs.
13. AD2005-13-16, Piper SB 1123B, Nose landing gear inspection, all inspected and found OK, Due Again in 50 hrs.
14. Ground run carried out, no leaks found, operation checked normal.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *[Signature]*

AME License No. 089587

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MAINTENANCE RECORD

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Log 1/10/09

Date: 1/10/2009; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3727.20; Work performed on Engine # 1; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 356.50, Last MOH: 3351.40-3/18/2004, SMOH: 2994.90; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 202.00, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3321.60; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 356.50, Last MOH: 3351.40-3/18/2004, SMOH: 2994.90; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 834.20, Last Prop MOH: 2848.40-1/14/2000, SMOH: 2014.20

Ground ran engine to normal operating temperature and checked for correct operation and indication. Engine makes full power. Mag drops less than fifty RPM each. Compression test 1. 76/80 2. 74/80 3. 77/80 4. 74/80 5. 75/80 6. 77/80. Drained engine oil. Removed cut and inspected filter no contaminants of any kind at this time. Installed new CH48108-1 filter and safety wired. Cleaned and checked gap of spark plugs adjusted as required. Checked magneto to engine timing. Inspected fuel inlet screen of injection system and inspected nozzles for stain none noted at this time. Lubricated waste gate linkage and inspected turbo for condition no defect noted at this time. Engine manifold drains and breather free and clear. Inspected Brackett airfilter for slippage of gasket, security of screen and replaced filter element. Inspected intercooler and induction side of system for security no evidence of leakage at this time. I certify that this engine has been inspected in accordance with an annual inspection and found to be in an airworthy condition at this time.

Approved by: Baxter J. J. J. Certificate A+P 388781708IA
Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368 360-385-7770

Date: 8/31/2009; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3759.70; Work performed on Engine # 1; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 389.00, Last MOH: 3351.40-3/18/2004, SMOH: 2962.40; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 234.50, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3289.10; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 389.00, Last MOH: 3351.40-3/18/2004, SMOH: 2962.40; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 866.70, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1981.70

Drained engine oil from both engines and removed oil filters. Installed new CH48108-1 filters (from owner) prefilled with oil. Refilled sumps with Aeroshell 15W50 oil. Ground run leak check detected no leaks at this time. Safety wired filters.

Approved by: Baxter J. J. J. Certificate A+P 388781708
Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368 360-385-7770

Date: 4/29/2010; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3782.50; Work performed on Engine # 1; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 411.80, Last MOH: 3351.40-3/18/2004, SMOH: 2939.60; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 257.30, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3266.30; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 411.80, Last MOH: 3351.40-3/18/2004, SMOH: 2939.60; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 889.50, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1958.90

Ground ran left engine to normal operating temperature. Function tested engine and propeller for correct operating indication. Mag drops both less than 75 RPM per mag. Compression test 1. 77/80 2. 75/80 3. 77/80 4. 75/80 5. 76/80. Did not change oil this inspection. less than 10hrs. on oil. Checked mag to engine timing. Inspected engine for evidence of fuel leaks. None found. Inspected engine for general security of attachment an evidence of defect no defects found require maintenance. lubricated engine control attach points and cowl flap attachment. Lubricated waste gate installation shaft and linkage with MOUSE MILK. Inspected airfilter element for condition and security. I certify that this engine has been inspected in accordance with an annual inspection and found to be in an airworthy condition at this time.

Approved by: Baxter J. J. J. Certificate A+P 388781708IA
Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368 360-385-7770

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					

Date: 4/29/2010; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3782.50; Work performed on Engine # 1; Engine 1 Type: TSIO-360-EE S/N: 901272-H, Time: 411.80, Last MOH: 3351.40-3/18/2004; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 411.80, Last MOH: 3351.40-3/18/2004. Ground ran left engine to normal operating temperature. Function tested engine and propeller for correct operating indication. Mag drops both less than 75 RPM per mag. Compression test 1, 77/80 2, 75/80 3, 77/80 4, 75/80 6, 76/80. Did not change oil this inspection. less than 10hrs. on oil. Checked mag to engine timing. Inspected engine for evidence of fuel leaks. None found. Inspected engine for genral security of attachment an evidence of defect no defects found. Require maintenance. lubricated engine control attach points and cowl flap attachment. Lubricated waste gate installation shaft and linkage with MOUSE MIL. Inspected airfilter element for condition and security. I certify that this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition at this time.

Approved by: Bart Miller Certificate: AP388781708-IA
 Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368 360-385-7770

6/30/2010	3806.6	REMOVED PROPELLER, REMOVED & REPLACE PROP SHAFT / CRANKSHAFT SEAL. REINSTALLED PROPELLER. CLEANED ENGINE AND COWL. GROUND RAN TO NORMAL TEMP. FUNCTION PROPELLER CONTROL, NO LEAK. FUNCTION NORMAL. <u>Bart Miller AP388781708.</u>
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7/14/2010	3811.8 ACFT	DRAINED ENGINE OIL. REMOVED & REPLACED OIL FILTER. FILLED SUMP W/ AEROSHER 15W50. LEAK CHECK = NO LEAKS. OWNER:
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MAINTENANCE RECORD

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REPAIRS ADJUSTMENTS MODIFICATIONS

Date: 4/21/2011; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3853.60; Work performed on Engine # 1; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 482.90, Last MOH: 3351.40-3/18/2004, SMOH: 2868.50; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 328.40, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3195.20; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 482.90, Last MOH: 3351.40-3/18/2004, SMOH: 2868.50; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 960.60, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1887.80

Ground ran engine to normal operating temperature. Checked for correct indication and noted discrepancies. Mag drops check normal but rough. Drained engine oil and inspected for general condition and source of leakage. Compression test hot. 1. 74/80 2. 71/80 3. 73/80 4. 73/80 5. 71/80 6. 72/80. Removed oil filter cut and inspected, no debris found at this time. Installed new filter and safety wired. Refilled sump with Aeroshell 15W50. Solvent washed engine. Lubricated engine controls. Checked fuel screen for contaminants. Solvent washed engine. Lubricated engine controls. Cleaned and reset gaps on spark plugs. Reinstalled spark plugs and torqued. I certify this engine has been inspected in accordance with an annual inspection and found to be in an airworthy condition at this time.

Removed engine cowl. Solvent washed engine. Removed and replaced valve cover gaskets. Solvent washed and soap and water washed cowl. Sublet Service Completed: 4/14/2011

Description: Magneto Repair p/n S6LN-25P s/n C249201DR

Performed By: Aircraft Magneto Service PO #: 1890

Sublet Service Completed: 4/14/2011

Description: Magneto Repair p/n S6LN-25P s/n R299211DR

Performed By: Aircraft Magneto Service PO #: 1890

Removed magnetos from engines and routed to Aircraft Magneto Service for inspection. Magneto conditions beyond repair and brought to overhauled condition. Reinstalled magnetos and replaced pressurization plumbing due to condition with tygon tubing. Mag drops check good after reinstallation.

Approved by: _____ Certificate
Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368

360-385-7770

Date: 4/23/2012; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3955.00; Work performed on Engine # 1; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 584.30, Last MOH: 3351.40-3/18/2004, SMOH: 2767.10; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 429.80, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3093.80; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 584.30, Last MOH: 3351.40-3/18/2004, SMOH: 2767.10; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 1062.00, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1786.40

Ground ran engine to normal indicated operating temperature was indicated. Checked engine performance by static maximum rpm check and mag drop check. No defect at this time Checked compression by cylinder leakage test. 1. 74/80 2. 72/80 3. 74/80 4. 72/80 5. 74/80 6. 73/80. cleaned, gaped, and tested spark plugs. Reinstalled spark plugs. Inspected induction and injection systems for defects or leaks none found at this time. I certify that this engine has been inspected in accordance with an ANNUAL INSPECTION and found to be in an airworthy condition at this time.

Approved by: Bartley Hallin Certificate AIP
Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368

360-385-7770

Date: 5/01/2013; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 4020.70; Work performed on Engine # 1; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 650.00, Last MOH: 3351.40-3/18/2004, SMOH: 2701.40; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 429.80, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3523.60; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 650.00, Last MOH: 3351.40-3/18/2004, SMOH: 2701.40; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 1062.00, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1786.40

Ran engine until normal oil temperature was indicated. Checked mag drops, less than 100 rpm at 1700. Checked for idle mixture rise and correct operation of engine indicators. 1. 76/80 2. 75/80 3. 72/80 4. 72/80 5. 74/80 6. 74/80. Cleaned gapped and tested spark plugs. Checked engine for general condition and security of installation. Checked accessories for security of attachment. Checked mag to engine timing. Drained engine oil. Removed oil filter, cut and inspected for debris none found at this time. Refilled sump with Aeroshell 15W50. Installed new filter and safety wired. Checked engine for security of attachment and condition of accessories. Re installed spark plugs (torqued). Solvent washed engine. Lubricated waste gate shaft as required with Mouse Milk oil. Leak checked after completion of maintenance no leakage at this time. I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in an airworthy condition at this time.

Approved by: Bartley Hallin Certificate AIP 36681191A
Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368

360-385-7770

ENGINE SERVICE AND

Date: 12/17/2013; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 4050.60; Work performed on Engine # 1; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 679.90, Last MOH: 3351.40-3/18/2004, SMOH: 2671.50; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 525.40, Last Prop MOH: 3523.60-4/12/2006, SMOH: 2998.20; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 679.90, Last MOH: 3351.40-3/18/2004, SMOH: 2671.50; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 1157.60, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1690.80

Removed left engine cylinders. Routed to Gibson Aviation for evaluation for repair. One cylinder found cracked, all cylinders found stepped and valvetrains worn. Valves also burned. Cylinders beyond economical repair. Core parts surrendered in compensation for clean and inspection charge. Rockers faced and returned. Installed six NEW cylinders. Installed rockers with new shafts and lock(tab) washers. Installed new gaskets and nozzle seals. Cleaned fuel nozzles. Re-installed exhaust with new "blow proof" gaskets. Cleaned and checked gap on spark plugs. Replaced case breather hose with new MIL-H-6000-7/8. Installed one new spark-plug. serviced engine with 8 quarts of Aeroshell OIL100 straight mineral oil. Leak checked and ground ran engine. No leaks at this time. Safety wired turbo housing "V-Band Clamps". Static rpm, manifold pressure, fuel flow indicate normal. TIT indicates normal. Ok for return to service.

Approved by: Bentley J. Hallin Certificate A+P3688119IA
Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368

360-385-7770

Date: 4/14/2014; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 4057.40; Work performed on Engine # 1; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 686.70, Last MOH: 3351.40-3/18/2004, SMOH: 2664.70; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 532.20, Last Prop MOH: 3523.60-4/12/2006, SMOH: 2991.40; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 686.70, Last MOH: 3351.40-3/18/2004, SMOH: 2664.70; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 1164.40, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1684.00

Removed waste gate controllers and tail pipes. Routed waste gate controllers Merlyn for evaluation and repair. Re-installed after repair by Merlyn. Re used "v-band clamps" New heat shields and support clamps installed at this time. Documents and data updated aircraft logs. Cleaned and ground ran for leak check. Removed and replaced upper deck pressure seals and grommets of fuel injection shrouds and manifold pressure fittings. Re checked engine performance and manifold pressure for stability and balance at sea level. Requires test flight to altitude for complete function check.

Tightened oil cooler fittings on turbo charger housing and cleaned oil from area. Ground ran and leak checked no significant leakage at this time. Cleaned gapped and tested spark plugs. Checked engine for general condition and security of installation. Checked accessories for security of attachment. Checked mag to engine timing. I certify that this engine has been inspected in accordance with an ANNUAL INSPECTION and found to be in an airworthy condition at this time.

Approved by: Bentley J. Hallin Certificate A+P3688119IA
Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368

360-385-7770

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MAINTENANCE RECORD

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REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

4/19/2015 N123JW TSD 360-EB 901272H
TOTAL TIME AIRCRAFT: 4132.9 ENGINE TSOH: 762.2
RAN ENGINE UNTIL NORMAL OPERATING TEMPERATURE WAS INDICATED.
CHECKED MAG DROPS, LESS THAN 75 RPM @ 1800. CHECKED FDBE
MIXTURE RISE. FUEL PUMP OPERATION, MAG SWITCH OPERATION,
ALL ENGINE INDICATIONS NORMAL. COMPRESSION/CYLINDER
LEAKAGE CHECK 1. 76/80 2. 75/80 3. 77/80 4. 77/80 5. 76/80
6. 76/80. CLEANED, GAP CHECKED AND TESTED SPARK PLUGS.
CHECKED ACCESSORIES FOR SECURITY OF ATTACHMENT & GENERAL
CONDITION. CHECKED MAGNETO TO ENGINE TIMING. RE-INSTALLED
TORQUED SPARK PLUGS. ENGINE OIL & FILTER CHANGED BY
OWNER AT THIS TIME. LUBRICATED WASTE GATE SHAFT & LINKAGE
WITH MOOSE MILK LUBRICANT. SOLVENT WASHED ENGINE.
POST INSPECTION LEAK CHECKED/RUN CHECKED. REMOVED
& REPLACED LEFT SIDE EXHAUST GASKETS. CHECKED
ENGINE AD STARKS. NO AD. REQUIRES ACTION AT THIS
TIME. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN
ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO
BE IN AN AIRWORTHY CONDITION AT THIS TIME.

Scott Erickson AP3629704IA

03/15/2016 AFTT:4184.6 813.9 SMOH

RUN-UP, DRAINED OIL, REPLACED OIL FILTER WITH NEW AND CUT OPEN OLD FILTER, NOTHING FOUND. REPLACED
OIL USING 8 QTS AEROSHELL 15W-50. COMPRESSIONS CHECKED: #1 74/80, #2 72/80, #3 76/80, #4 71/80, #5 72/80,
#6 74/80. REPLACED SPARK PLUGS WITH NEW URHM38E TEMPEST PLUGS. TIGHTENED SOME LOOSE EXHAUST
NUTS ON LEFT SIDE OF ENGINE. CHECKED ALL EXHAUST AND INTAKES. REPLACED INDUCTION AIR FILTER WITH
NEW. RESAFETIED SOME SAFETY WIRE THAT WAS WIRED BACKWARDS. INSTALLED E.I ENGINE PROBES I.A.W E.I
INSTALLATION INSTRUCTIONS. WIPED DOWN ENGINE COWL AND FIREWALL. A.D.'S SEARCHED THRU REV 2016-14
DATED 02/22/2016. RUN-UP AND LEAK CHECKED, NONE NOTED. MAG AND IGNITION SWITCH CHECKS GOOD.

This Engine serviced and
inspected in accordance with
an annual inspection.
Ok for return to service.
Scott Erickson AP3629704IA

Scott Erickson

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
10/25/16	AFTT				RUN UP & DRAINED OIL CUT OPEN FILTER - NOTHING FOUND REPLACE OIL & FILTER 8 QT AERO SHELL 15
	AZALC				

N123JW
ENGINE LEFT

04/01/2017 4242.5 871.8
AFTT SMOH

RUN-UP, NO OIL CHANGE AT THIS TIME. CHECKED MAG TIMING. SERVICED AND ROTATE ALL PLUGS. COMPRESSIONS CHECKED: #1 74/80, #2 74/80, #3 72/80, #4 68/80, #5 72/80, #6 70/80. PRESSURE CHECKED EXHAUST, NO CRACKS FOUND. CHECKED INTAKES AND ENGINE MOUNTS. CHECKED AND LUBE ALL ENGINE CONTROLS. REPLACED TACH DRIVE ADAPTER WITH NEW PART. WIPED DOWN FIREWALL AND COWL. RUN-UP AND LEAK CHECKED, NONE NOTED. MAG AND IGNITION SWITCH CHECKS GOOD. A.D'S SEARCHED THRU REV 2017-06 DATED 03/20/2017.

This Engine serviced and
inspected in accordance with
an annual inspection.
Ok for return to service.
Scott Erickson AP3629704IA

	AFTT				
09/06/17	A272.3				RUN UP & DRAINED OIL CUT OPEN FILTER - NOTHING FOUND REPLACE OIL & FILTER WITH AERO SHELL 15W 50

N123JW
LEFT ENGINE

04/10/2018 4290.4 919.7
AFTT SMOH

RUN-UP, COMPRESSIONS CHECKED: #1 76/80, #2 72/70, #3 74/80, #4 70/80, #5 74/80, #6 72/80. NO OIL CHANGE AT THIS TIME. OPS CHECK AND ROTATE PLUGS. REPAIRED INTAKE LEAK AT #6 CYLINDER. CHECKED MAG TIMING, NO CHANGES. WIPED DOWN COWLING AND FIREWALL. CHECKED ALL EXHAUST AND INTAKES. TIGHTENED SOME BAFFLING ATTACH BOLTS. LUBED TACH DRIVE. CHECKED ALL ENGINE MOUNTS. OPS CHECKED AND LUBED ALL ENGINE AND CABIN CONTROLS. RUN-UP, MAG AND IGNITION SWITCHES CHECKED. A.D'S SEARCHED THRU REV 2018-06 DATED 03/19/2018.

This Engine serviced and
inspected in accordance with
an annual inspection.
Ok for return to service.
Scott Erickson AP3629704IA
CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD

11

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

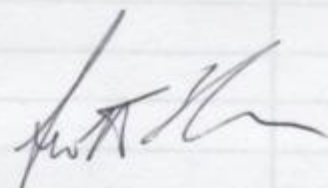
N123JW

LEFT ENGINE

04/01/2019 4359.0 988.3
TACH SMOH

RUN-UP, DRAINED OIL, CHANGED FILTER, CUT OPEN OLD FILTER, NOTHING FOUND. COMPRESSIONS CHECKED: #1 78/80, #2 74/80, #3 76/80, #4 68/80, #5 74/80, #6 72/80. REPLACED OIL USING AEROSHELL 100W. CLEANED, GAPPED, OPS CHECK AND ROTATE PLUGS. REPLACED INDUCTION AIR FILTER. CHECKED FUEL SCREEN, NOTHING FOUND. CHECKED ALL EXHAUST AND INTAKES FOR LEAKS CRACKS AND DISTORTION, NONE NOTED. OPS CHECKED AND LUBE ALL ENGINE AND CABIN CONTROLS. LUBED TURBO CONTROLLER. CHECKED TIMING, NO CHANGES. CHECKED ENGINE MOUNTS AND FIREWALL. WIPED DOWN ENGINE AREA. A.D'S SEARCHED THRU REV 2019-06 DATED 03/18/2019. AIRCRAFT FLOWN AND ALL ENGINE PARAMETERS INDICATE NORMAL. MAG AND IGNITION SWITCH CHECKS GOOD.

This Engine serviced and
inspected in accordance with
an annual inspection.
Ok for return to service.
Scott Erickson AP36297041A



N123JW

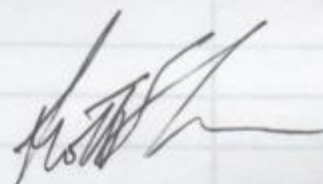
LEFT ENGINE

07/01/2020 4442.1 1071.4
TACH SMOH

RUN-UP, DRAINED OIL, CHANGED FILTER, CUT OPEN OLD FILTER, NOTHING FOUND. COMPRESSIONS CHECKED: #1 78/80, #2 72/80, #3 75/80, #4 62/80, #5 78/80, #6 74/80. BORESCOPED ALL CYLINDERS, NO DEFECTS NOTED. CHECK MAG TIMING, NO CHANGES. CLEAN, GAP, OPS CHECK AND ROTATE PLUGS. REMOVED LEFT SIDE EXHAUST DUE TO LEAK AT #4 CYLINDER.

REPLACED ALL EXHAUST GASKETS WITH NEW NO-BLO GASKETS. CHECKED ALL EXHAUST AND INTAKES, NO LEAKS NOTED. CHECKED MAG TIMING, NO CHANGES. REPAIRED A CHT WIRE. LUBED TACH DRIVE. CHECKED ENGINE MOUNTS AND FIREWALL. CHECKED TURBO CLAMPS, NO LOOSNESS NOTED WIPED DOWN COWLINGS. OIL REPLACED USING AEROSHELL 15W-50. A.D'S SEARCHED THRU REV 2020-12 DATED 06/08/2020. RUN-UP, MAG AND IGN SWITCH CHECKS GOOD. AIRCRAFT FLOWN AND ALL ENGINE PARAMETERS CHECKED NORMAL.

This Engine serviced and
inspected in accordance with
an annual inspection.
Ok for return to service.
Scott Erickson AP36297041A



MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
JUNE 25/18	AFTT 4320				RUN UP & DRAINED OIL REPLACED
OCT 3/19	AFTT 4394				RUN UP & DRAINED OIL REPLACED
MAY 22/21	AFTT 4480				REMOVED AIR PUMP & REPLACED
JUN 29/21	AFTT 4482				RUN UP & DRAINED OIL REPLACED
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>N123JW</p> <p>LEFT ENGINE</p> <p>08/01/2021</p> </div> <div style="width: 20%;"> <p>4481.9</p> <p>ACTT</p> <p>1111.2</p> <p>SMOH</p> </div> <div style="width: 60%;"> <p>RUN-UP, NO OIL CHANGE AT THIS TIME. CUT OPEN OLD FILTER SUPPLIED BY OWNER, NOTHING FOUND. COMPRESSIONS CHECKED: #1 72/80, #2 70/80, #3 74/80, #4 60/80, #5 74/80, #6 72/80. REPAIRED BROKEN P-LEAD. CHECK ALL EXHAUST AND INTAKES, NO LEAKS NOTED. OPS CHECK AND LUBE ALL ENGINE CONTROLS. CHECKED ENGINE MOUNTS AND FIREWALL. CLEAN, GAP, AND ROTATE PLUGS. BORESCOPE ALL CYLINDERS, ALL VALVES LOOKED NORMAL. CHECK AND TIGHTEN SOME INTAKE CLAMPS. CHECK MAG TIMING, NO CHANGES. A.D'S SEARCHED THRU REV 2021-14 DATED 07/05/2021. RUN-UP, MAG AND IGNITION SWITCHES CHECKED GOOD. NO LEAKS NOTED.</p> </div> </div>					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 40%; border: 1px solid black; padding: 5px;"> <p>This Engine serviced and inspected in accordance with an annual inspection. Ok for return to service. Scott Erickson AP36297041A</p> </div> <div style="width: 55%; text-align: right;"> </div> </div>					
OCT 19/21	AFTT 4511				REPLACED OIL & FILTER & TIGHTENED
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

12

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

OIL & FILTER 8QT AEROSHELL 20-50

[Signature]

3402490

OIL & FILTER 8QT AEROSHELL 20-50

[Signature]

3402490

WITH AIRBORNE SER# AP1290 A41667

[Signature]

3402490

OIL & FILTER 8QTS AEROSHELL 20-50

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3402490

AEROSHELL 20-50

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3402490

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
N123JW LEFT ENGINE 08/25/2022 4537.9 1167.2 AFTT SMOH					RUN-UP, DRAINED OIL, CHANGED FILTER, CUT OPEN OLD FILTER, NOTHING FOUND. REPLACED OIL AND FILTER USING OWNER SUPPLIED PARTS. COMPRESSIONS CHECKED: #1 76/80, #2 74/80, #3 76/80, #4 60/80, #5 72/80, #6 62/80. CLEAN, GAP, AND ROTATE PLUGS. CHECKED ALL EXHAUST AND INTAKES. CHECKED ENGINE MOUNTS AND FIREWALL. OPS CHECK AND LUBE ALL ENGINE CONTROLS. CHECKED MAG TIMING, NO CHANGES. BORE SCOPE ALL CYLINDERS, ALL VALVE BURN PATTERNS APPEAR NORMAL. SOLVENT WASHED ENGINE AND FIREWALL. CLEANED COWLINGS. A.D'S SEARCHED THRU REV 2022-16 DATED 08/01/2022. RUN-UP, MAG SWITCH CHECKS GOOD. ALL RPM CHECK AND FUEL FLOW CHECKS GOOD. <div>This Engine serviced and inspected in accordance with an annual inspection. Ok for return to service. Scott Erickson AP0009704IA</div>
TOTAL THIS PAGE					CARRIED FORWARD
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					